

DEVAL L. PATRICK GOVERNOR TIMOTHY P. MURRAY LIEUTENANT GOVERNOR JUDYANN BIGBY, MD SECRETARY JOHN AUERBACH

COMMISSIONER

# The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

06/27/12

Katherine Powell Assistant District Attorney, Suffolk County

Ms. Powell.

Enclosed is the information you requested. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipts.
- 2. Control Cards with analytical results for sample #'s
- 3. Analysis sheets with chemist's hand notations and test results.

4. GC/MS analytical data for sample #'s

If you have any questions about these materials, please call me at the number below.

KALE CAR

Chemist II

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6632

BostonPolle	CC #		10.00
DEPARTMENT	воок# 65		
DRUG RECEIPT	PAGE #67		
	DESTRUCTION #		11.500
District/Unit A-1 OCC			
Name & Rank of Arresting Officer Sto _ Win	~ DWAN	ID#	:c
DEFENDANT'S NAME	ADDRESS	CITY	STATE
		Rustmonle	MA
		*******	MA
		Doketh Lab us	
DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	GROSS WEIGHT	ANALYSIS NUMBER
Closesoppen	5 "mology	2,300	
Close to pare	84 moleur	16,530	
GARAPENAL	11 capsules	12,4400	
,			
To be completed by ECU personnel only			
Name and Rank of Submitting Officer	C/-	ID#/(2	86
	n	ID#	111
Received by		ECU Control #	

No.		Date Analyzed:  /  S/ Z
City:	Boston D.C.U. Po	olice Dept.
Officer:	P.O. KEITH BUTLER	₹
Def:		
Amount:	5.0	Şubst: TAB
No. Cont:	1 Cont. pb	
Date Rec'd:	08/24/2011	No. Analyzed:
Gross Wt.:	2.30	Net Welght:
Prelim:(	Clonazepaw	#Tests: ALC CAC Claraze parm
	Boston D.C.U. Po P.O. KEITH BUTLER	•
Amount:	84.0 74 CAC 74	Subst: TAB
No. Cont:	1 Cont. pb	
Date Rec'd:	08/24/2011	No, Analyzed:
Gross Wt.:	16.52	Net Weight:
	16.52 Whatgar	Net Welght: # Tests: 4
Prelim: ( No. City:		Net Weight: #Tests: ASF COAC CACAGE COAC Date Analyzed:   18/12
Prelim: ( No. City: Officer:	Boston D.C.U. Po	Net Weight: #Tests: ASF COAC CACAGE COAC Date Analyzed:   18/12
Prelim: ( No. City: Officer: Def:	Boston D.C.U. Po	Net Weight: #Tests: ASF COAC CAAZEAM  Date Analyzed:
Prelim: ( No. City: Officer: Def: Amount:	Boston D.C.U. Pop.O. KEITH BUTLER	Net Weight: #Tests: ASF COAC CAAZEAM  Date Analyzed:
Prelim:  No. City: Officer: Def: Amount: No. Cont:	Boston D.C.U. Pop.O. KEITH BUTLER	Net Weight: #Tests: ASP  Findings: CLANAZERAM  Date Analyzed:
Prelim:  No. City: Officer: Def: Amount: No. Cont: Date Rec'd:	Boston D.C.U. Po P.O. KEITH BUTLER 11.0 1 Cont. pb 08/24/2011	Net Weight: #Tests: AFC OAC CLOVERON  Date Analyzed:

# DRUG POWDER ANALYSIS FORM

SAMPLE# No. of samples tested:	AGENCY BOSTON ANALYST KAC  Evidence Wt. O.K.
physical description:  5 rand green  (M)	Gross Wt ():  Gross Wt ():  Pkg. Wt:  Net Wt: 086350
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( )	Gold Chloride
MarquisFroehde's	OTHER TESTS
Mecke's	- Micromedex (E) For Clonarepain
PRELIMINARY TEST RESULTS  RESULTS CLOPA 74 PC  DATE 12 C CP	GC/MS CONFIRMATORY TEST  RESULTS (10007CPQ W)  MS OPERATOR (1000)  DATE 1 18 12

## **Drug Information**

DRUG NAME: CLONAZEPAM

INGREDIENTS: CLONAZEPAM -- 1 MG

Color: Light Green

Shape: Circle

Imprint: M The tablet is debossed with M on one side and C above the score and 14 below the score on the other

side., C 14

Form: Oral Tablet

Available-Container-Size: Strip of 100, Bottle of 100, Strip of 300, Bottle

of 1000, Strip of 1, Bottle of 90

AAPCC Code: 007000 -Benzodiazepines

NDC: 0378-1912-77

51079-882-20

51079-882-21

0378-1912-01

51079-882-56

0378-1912-10

51079-882-01

51079-882-30

Excipients: Lactose

(Anhydrous); Silicon Dioxide,

Colloidal; Magnesium Stearate; Cellulose,

Microcrystalline; Starch,

Pregelatinized; Sodium Lauryl

Sulfate; D&C Yellow No. 10; FD&C

Blue No. 1 Lake

Regulatory Status: Schedule IV

Availability: United States

Product ID 5726398

Contact: Mylan Pharmaceuticals

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## DRUG POWDER ANALYSIS FORM

SAMPLE # No. of samples tested:	AGENCY_	Boston	ANALYST KAC  Evidence Wt.
PHYSICAL DESCRIPTION:	een to	ahlets	Gross Wt ( ):  Gross Wt ( ):  Pkg. Wt:  Net Wt: 12 7 495
	(C) (14)		
*See back of car	<u>d*</u>		
PRELIMINARY TESTS Spot Tests		<u>.</u>	icrocrystalline Tests
Cobalt Thiocyanate <u>(</u> )	•	( Chlo	Gold ride
Marquis		TI	_TA <u>( )</u>
Froehde's			OTHER TESTS
Mecke's	•	MC For C	nmedexal lonarepain
PRELIMINARY TEST RESULTS  RESULTS CLONG REPAIN  DATE 1 (C) 12		RESUI N OPERAT	AS (INF

### **Drug Information**

**DRUG NAME: CLONAZEPAM** 

INGREDIENTS: CLONAZEPAM -- 1 MG

Color: Light Green

Shape: Circle

Imprint: M The tablet is debossed with M on one side and C above the score and 14 below the score on the other

side., c 14

Form: Oral Tablet

Available-Container-Size: Strip of 100, Bottle of 100, Strip of 300, Bottle of 1000, Strip of 1, Bottle of 90

AAPCC Code: 007000 -Benzodiazepines NDC: 0378-1912-77 51079-882-20 51079-882-21 0378-1912-01 51079-882-56

> 0378-1912-10 51079-882-01 51079-882-30

Excipients: Lactose

(Anhydrous); Silicon Dioxide,

Colloidal ; Magnesium Stearate ; Cellulose, Microcrystalline ; Starch,

Pregelatinized; Sodium Lauryl Sulfate; D&C Yellow No. 10; FD&C

Blue No. 1 Lake

Regulatory Status: Schedule IV

Availability: United States

**Product ID 5726398** 

Contact: Mylan Pharmaceuticals

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## DRUG POWDER ANALYSIS FORM

SAMPLE#  AGENCY 130  No. of samples tested:	Stm ANALYST KAC  Evidence Wt. OK
PHYSICAL DESCRIPTION:  1 CAPSULS CONTAIN  + an powder  - no marking 5	
PRELIMINARY TESTS  Spot Tests  Cobalt Thiocyanate ( ) C C C C C C C C C C C C C C C C C C	Microcrystalline Tests  Gold Chloride  TLTA ( )  OTHER TESTS  GC + PEUKS Affer  Cocarre Std.
PRELIMINARY TEST RESULTS  RESULTS WENCE   Ce   17	GC/MS CONFIRMATORY TEST  RESULTS VO ACTOR  MS OPERATOR ACTOR  DATE 115/12

Data File C:\CHEM32\1\DATA\SIG1000002.D

Sample Name: coke/cod std

Acq. Operator :
Acq. Instrument : DrugLab GC #2

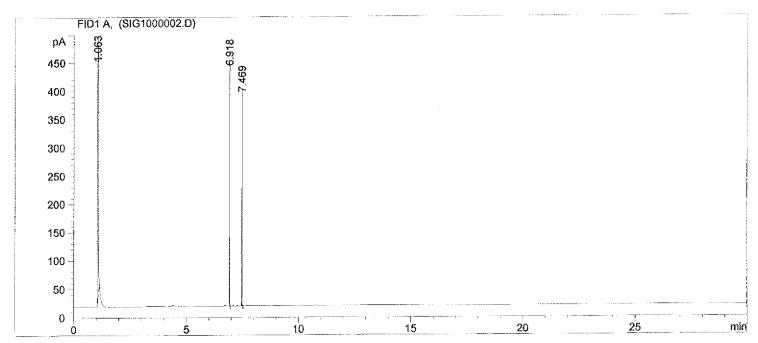
Seq. Line : 2
Location : Vial 2

Acq. Instrument

Injection Date : 1/10/2012 3:52:18 PM

Inj : 1
Inj Volume : 1  $\mu$ l

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed : 3/9/2011 1:49:11 PM by ASD



### Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000 Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

#	RetTime [min]	-			Height [pA]	
1	1.063	1	BB S	5.48900e4	5.91010e4	98.86527
2	6.918	1	BB	326.28735	419.97531	0.58769
3	7.469	1	BB	303.71329	372.36636	0.54703

Totals: 5.55200e4 5.98933e4

\*\*\* End of Report \*\*\*

Data File C:\CHEM32\1\DATA\SIG1000003.D

Sample Name: blank

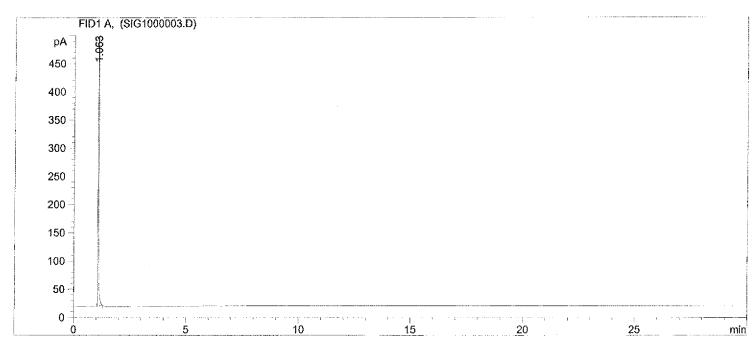
Acq. Operator : Seq. Line : 3
Acq. Instrument : DrugLab GC #2
Location : Vial 3
Injection Date : 1/10/2012 4:27:03 PM
Inj : 1

Injection Date : 1/10/2012 4:27:03 PM Inj : 1 Inj Volume : 1  $\mu$ l

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S

Method : C:\CHEM32\1\METHODS\GENSCAN.M

Last changed : 3/9/2011 1:49:11 PM by ASD



#### Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000 Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Totals: 5.44056e4 6.25745e4

\_\_\_\_\_\_

\*\*\* End of Report \*\*\*

Data File C:\CHEM32\1\DATA\SIG1000004.D

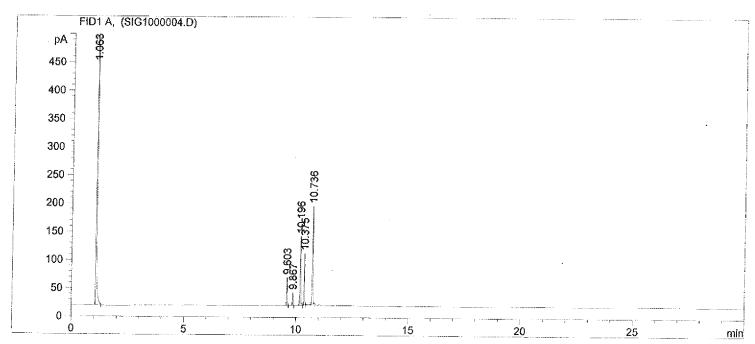
Sample Name:

Acq. Operator : Seq. Line : 4
Acq. Instrument : DrugLab GC #2 Location : Vial 4
Injection Date : 1/10/2012 5:01:48 PM Inj : 1

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S

Method : C:\CHEM32\1\METHODS\GENSCAN.M

Last changed : 3/9/2011 1:49:11 PM by ASD



### Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000 Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

### Signal 1: FID1 A,

Peak #	RetTime [min]		Туре	e Area [pA*s]	Height [pA]	Area %
1	1.063	1	BB S	5.83797e4	6.27815e4	98.31185
2	9.603	1	BB	88.41247	49.33546	0.14889
3	9.867	1	BB	41.30550	22.48932	0.06956
4	10.196	1	BB	272.18851	121.90016	0.45837
5	10.375	1	BB	194.69344	91.87158	0.32787
6	10.736	1	VB	405.86130	173.79643	0.68347

Totals: 5.93822e4 6.32409e4

\*\*\* End of Report \*\*\*

File Name : C:\msdchem\1\data\SYSTEM6\01\_12\_12\813331.D

Operator : LAG

Date Acquired : 12 Jan 2012 21:26

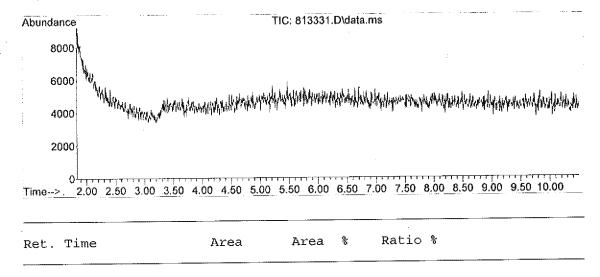
Sample Name : BLANK

Submitted by

Vial Number :

AcquisitionMeth: CLONAZ.M

Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

: C:\msdchem\1\data\SYSTEM6\01\_12\_12\813332.D File Name

: LAG Operator

Date Acquired : 12 Jan 2012 21:39 Sample Name : CLONAZEPAM STD

Submitted by

: 32 Vial Number AcquisitionMeth: CLONAZ.M

Integrator : RTE

Abundance	TIC: 813332.D\data.ms 6.\$90
500000	6.990
400000	·
300000	
200000	
100000	
0	 
	2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00

Ret. Time	Area	Area %	Ratio %
6.990	1399906	100.00	100.00

File Name : C:\msdchem\1\data\SYSTEM6\01\_12\_12\813332.D

Operator : LAG

Date Acquired : 12 Jan 2012 21:39
Sample Name : CLONAZEPAM STD

Submitted by

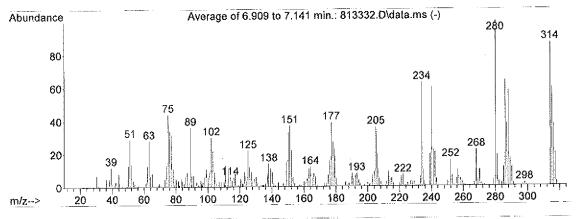
Vial Number : 32 AcquisitionMeth: CLONAZ.M

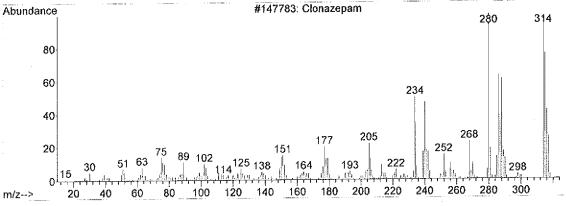
Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 80

PK#	RT	Library/ID	ar Ve	CAS#	Quál
1	6.99	C:\Database\NIST08.L Clonazepam Clonazepam Clonazepam	19 1 - 19 2 - 1 - 1	001622-61-3 001622-61-3 001622-61-3	99 99 99





: C:\msdchem\1\data\SYSTEM6\01\_12\_12\813346.D File Name

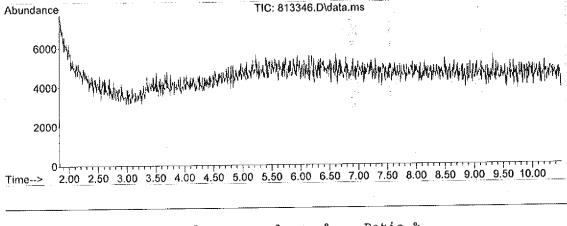
Operator : LAG

Date Acquired : 13 Jan 2012 00:43

: BLANK Sample Name : KAC Submitted by Vial Number 2

AcquisitionMeth: CLONAZ.M

: RTE Integrator



Ret. Time

Area

Area

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name : C:\msdchem\1\data\SYSTEM6\01\_12\_12\813347.D

Operator : LAG

Date Acquired : 13 Jan 2012 00:56

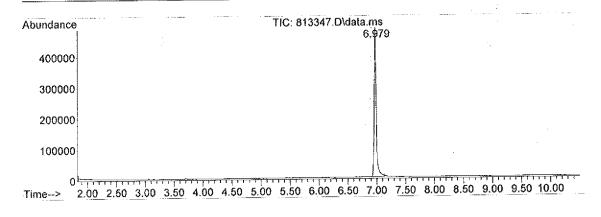
Sample Name Submitted by

: KAC : 47

Vial Number : 47 AcquisitionMeth: CLONAZ.M

Integrator :

: RTE



Ret. Time	Area	Area %	Ratio %	 
6.979	1190914		100.00	

: C:\msdchem\1\data\SYSTEM6\01\_12\_12\813347.D File Name

: LAG Operator

13 Jan 2012 00:56 Date Acquired

Sample Name

Submitted by : KAC 47 Vial Number AcquisitionMeth: CLONAZ.M RTE Integrator

Search Libraries:

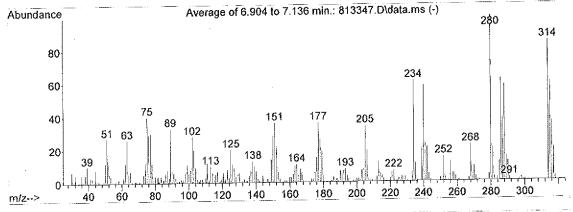
C:\Database\SLI.L

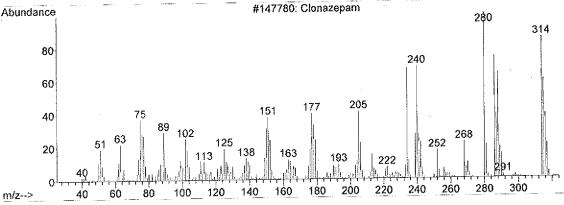
C:\Database\NIST08.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\PMW\_TOX2.L

Qual CAS# Library/ID PK# RT C:\Database\NIST08.L 6.98 1 001622-61-3 99 Clonazepam 001622-61-3 99 Clonazepam 001622-61-3 99 Clonazepam





人名英格兰人姓氏德 安然的名词复数

File Name

: C:\msdchem\1\data\SYSTEM6\01\_12\_12\813349.D

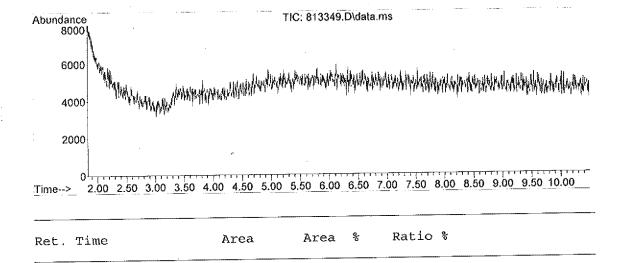
: LAG Operator

Date Acquired : 13 Jan 2012 1:23

; BLANK Sample Name : KAC Submitted by Vial Number

AcquisitionMeth: CLONAZ.M

: RTE Integrator



\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name : C:\msdchem\1\data\SYSTEM6\01\_12\_12\813350.D

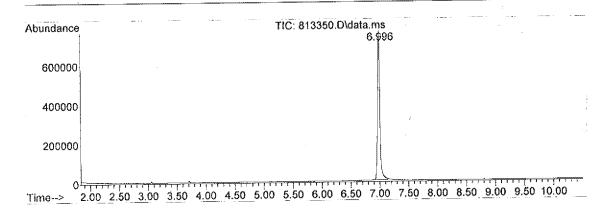
Operator : LAG

Date Acquired : 13 Jan 2012 1:36

Sample Name

Submitted by : KAC
Vial Number : 50
AcquisitionMeth: CLONAZ.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
6.996	2122737	100.00	100.00	

: C:\msdchem\1\data\SYSTEM6\01 12 12\813350.D File Name

Operator : LAG

Date Acquired : 13 Jan 2012 1:36

Sample Name

Submitted by : KAC Vial Number 50 AcquisitionMeth: CLONAZ.M

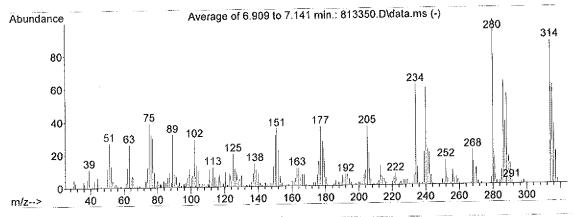
: RTE Integrator

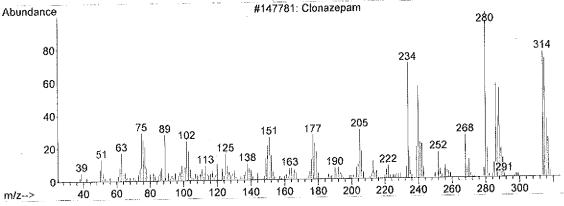
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1	7.00	C:\Database\NIST08.L Clonazepam Clonazepam Clonazepam	001622-61-3 001622-61-3 001622-61-3	99 99 99





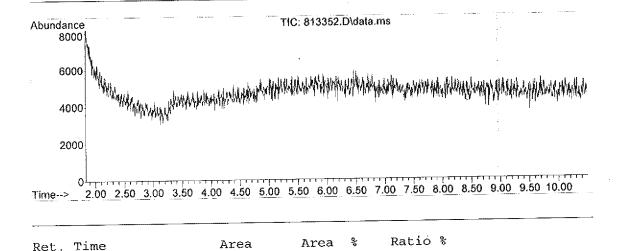
: C:\msdchem\1\data\SYSTEM6\01\_12\_12\813352.D File Name

: LAG Operator

Date Acquired : 13 Jan 2012 2:02

: BLANK Sample Name : KAC Submitted by Vial Number AcquisitionMeth: CLONAZ.M

: RTE Integrator



\*\*\*NO INTEGRATED PEAKS\*\*\*

: C:\msdchem\1\data\SYSTEM6\01\_12\_12\813353.D File Name

: LAG Operator

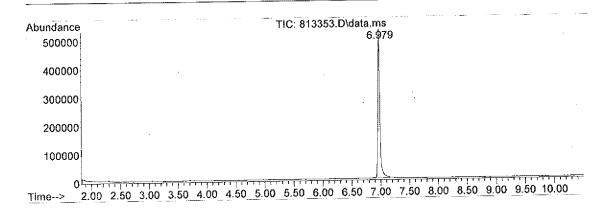
2:16 Date Acquired : 13 Jan 2012

Sample Name

Submitted by : KAC Vial Number 53

AcquisitionMeth: CLONAZ.M

: RTE Integrator



Ret. Time	Area	Area %	Ratio %
6.979	1289095	100.00	100.00

: C:\msdchem\1\data\SYSTEM6\01\_12\_12\813353.D File Name

: LAG Operator

13 Jan 2012 2:16 Date Acquired

Sample Name

Submitted by KAC Vial Number 53 AcquisitionMeth: CLONAZ.M Integrator RTE

Search Libraries:

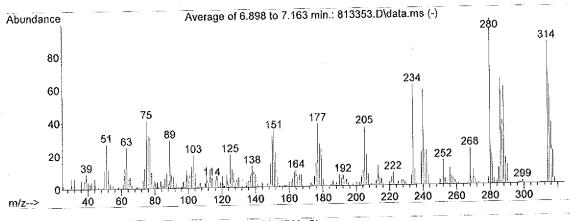
C:\Database\SLI.L

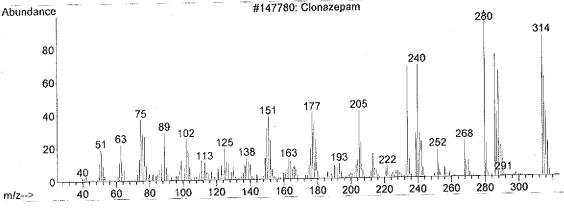
C:\Database\NIST08.L

C:\Database\PMW TOX2.L

Minimum Quality: 80 Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1	6.98	C:\Database\NIST08.L Clonazepam Clonazepam Clonazepam	001622-61-3 001622-61-3 001622-61-3	99 99 99





File Name : C:\msdchem\1\data\SYSTEM6\01\_12\_12\813355.D

Operator : LAG

Date Acquired: 13 Jan 2012 2:42

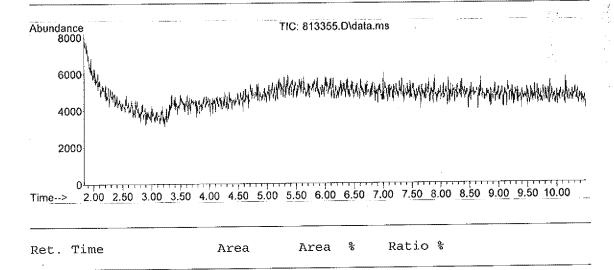
Sample Name : BLANK

Submitted by

Vial Number : 2

AcquisitionMeth: CLONAZ.M

Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name : C:\msdchem\1\data\SYSTEM6\01\_12\_12\813356;D

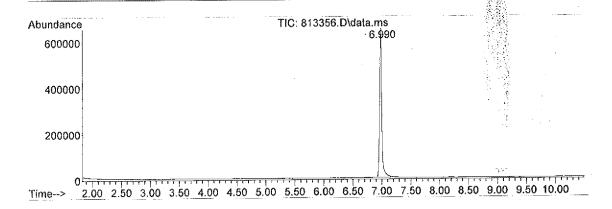
Operator : LAG

Date Acquired : 13 Jan 2012 2:55 Sample Name : CLONAZEPAM STD

Submitted by

Vial Number : 32 AcquisitionMeth: CLONAZ.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
6.990	1659800	100.00	100.00	

File Name : C:\msdchem\1\data\SYSTEM6\01 12 12\813356.D

Operator : LAG

Date Acquired : 13 Jan 2012 2:55 Sample Name : CLONAZEPAM STD

Submitted by Vial Number

Vial Number : 32 AcquisitionMeth: CLONAZ.M

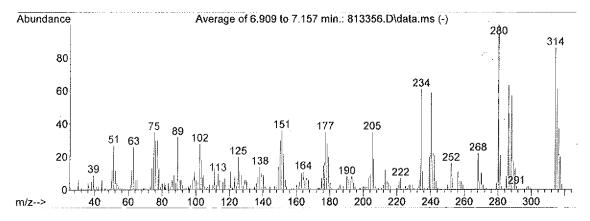
Integrator : RTE

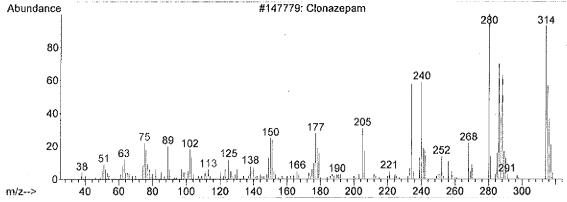
Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK# RTLibrary/ID CAS# Qual C:\Database\NIST08.L 6.99 1 Clonazepam 001622-61-3 99 Clonazepam 001622-61-3 99 Clonazepam 001622-61-3 99





File Name : C:\msdchem\1\data\SYSTEM6\01\_12\_12\813385.D

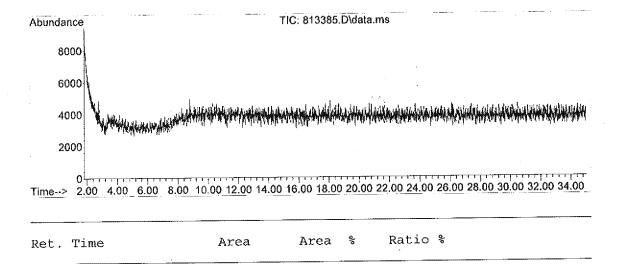
Operator : LAG

: 13 Jan 2012 11:49 Date Acquired

Sample Name : BLANK ; KAC Submitted by Vial Number 2

AcquisitionMeth: SCREEN.M

: RTE Integrator



\*\*\*NO INTEGRATED PEAKS\*\*\*

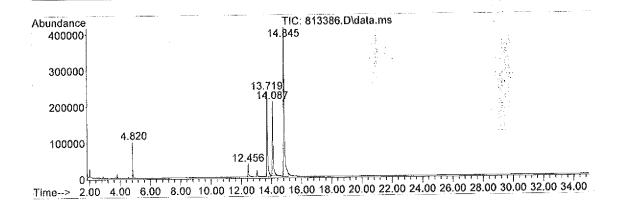
File Name : C:\msdchem\1\data\SYSTEM6\01\_12\_12\813386.D

Operator : LAG

Date Acquired : 13 Jan 2012 12:28

Sample Name

Submitted by : KAC
Vial Number : 86
AcquisitionMeth: SCREEN.M
Integrator : RTE



Area	Area %	Ratio %	
			MANAGEMENT, III, AND THE PARTY OF THE PARTY
122317	3,10	6.33	
108445	2.75	5.61	
964635	24.45	49.95	
818041	20.74	42,36	
1931346	48.96	100.00	
	122317 108445 964635 818041	122317 3.10 108445 2.75 964635 24.45 818041 20.74	122317 3.10 6.33 108445 2.75 5.61 964635 24.45 49.95 818041 20.74 42.36

: C:\msdchem\1\data\SYSTEM6\01\_12\_12\813386 D File Name

: LAG Operator

Date Acquired 13 Jan 2012 12:28

Sample Name

KAC Submitted by Vial Number 86 SCREEN.M AcquisitionMeth:

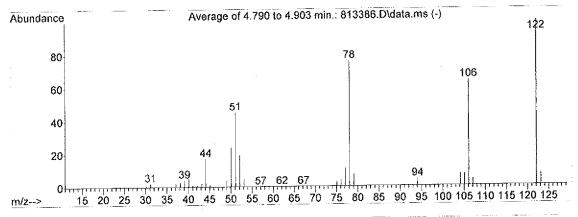
RTE Integrator

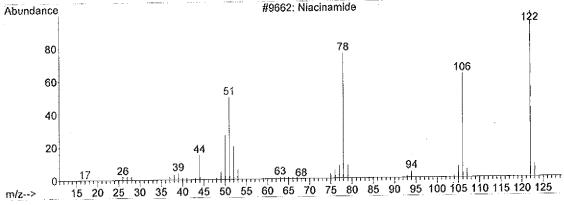
C:\Database\SLI.L Search Libraries:

C:\Database\NIST08.L

80 Minimum Quality: 80 Minimum Quality:

PK#	RT	Library/ID	CAS# Qual
. 1	4.82	C:\Database\NIST08.L Niacinamide Niacinamide Niacinamide	000098-92-0 95 000098-92-0 95 000098-92-0 94





File Name : C:\msdchem\1\data\SYSTEM6\01\_12\_12\813386 D

Operator : LAG

Date Acquired : 13 Jan 2012 12:28

Sample Name : Submitted by : Vial Number :

: KAC : 86

AcquisitionMeth: SCREEN.M

Integrator : RTE

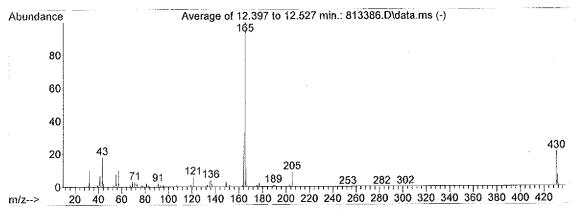
Search Libraries: C:\Database\SLI.L

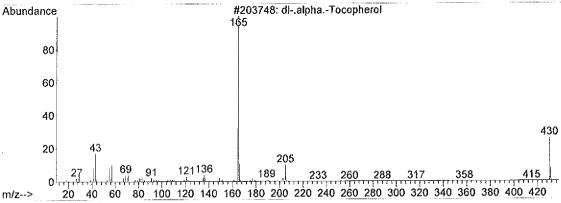
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
2	12.46	C:\Database\NIST08.L dlalphaTocopherol dlalphaTocopherol Vitamin E	010191-41-0 010191-41-0 000059-02-9	96 94 90





File Name : C:\msdchem\1\data\SYSTEM6\01\_12\_12\813386.D

: LAG Operator

Date Acquired 13 Jan 2012 12:28

Sample Name Submitted by KAC Vial Number 86

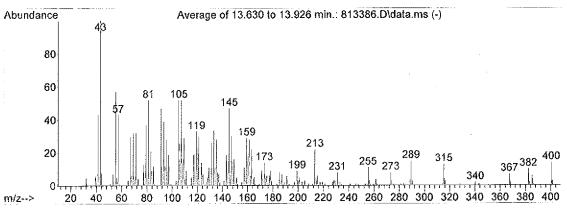
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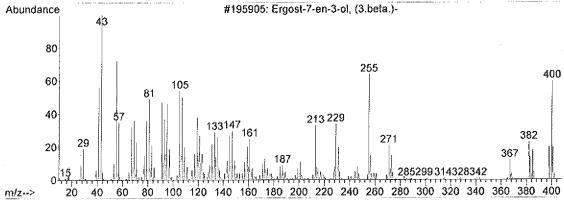
Integrator : RTE

C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
3	13.72	C:\Database\NIST08.L Ergost-7-en-3-ol, (3.beta.)- 5-Cholestene-3-ol, 24-methyl- Campesterol	026047-31-4 1000214-17-4 000474-62-4	





File Name : C:\msdchem\1\data\SYSTEM6\01 12 12\813386.D

Operator : LAG

Date Acquired 13 Jan 2012

Sample Name

Submitted by KAC Vial Number 86

AcquisitionMeth: SCREEN.M

Integrator RTE

Search Libraries: C:\Database\SLI,L

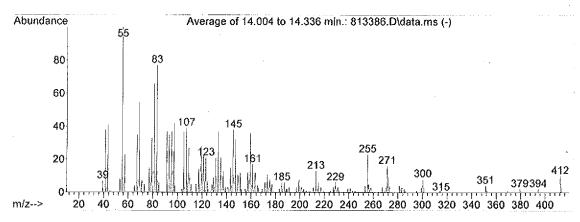
C:\Database\NIST08.L

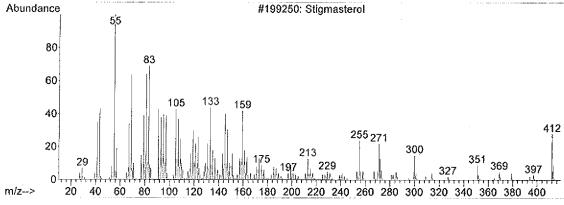
C:\Database\PMW TOX2.L

Minimum Quality:

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
			* * * * * * * * * * * * * * * * * * *	
4	14.09	C:\Database\NIST08.L		
		Stigmasterol	000083-48-7	99 -
		Stigmasterol	000083-48-7	94
		Stigmasterol	000083-48-7	53





File Name : C:\msdchem\1\data\SYSTEM6\01 12 12\813386.D

Operator : LAG

Date Acquired : 13 Jan 2012 12:28

Sample Name : Submitted by :

: KAC : 86

Vial Number : 86 AcquisitionMeth: SCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

 PK#	RT	Library/ID	CAS#	Qual
5	14.85	C:\Database\NIST08.L	:	
		.gammaSitosterol	000083-47-6	94
		.betaSitosterol	000083-46-5	91
		.betaSitosterol	000083-46-5	89

